Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 04 Dec 2021 until 23:59 on Sunday 05 Dec 2021

Forecast Issued on Friday 03 Dec 2021 at 16:32

Confidence: High for increasingly settled conditions through the weekend and for a very unsettled period early next week, but lower for details of cloud and precipitation on Saturday, and from Monday due to uncertainties over the track of a series of lows close to or across the UK.

Headline for Saturday 04 Dec 2021: Occasionally heavy morning snow showers but drier afternoon. Strengthening northwesterly winds.

Mountain weather hazards on Saturday 04 Dec 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain	Sleet	Light snow showers	Light snow showers	Heavy snow	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
30%	70%	70%	30%	40%	60%	30%	30%

Forecast for Saturday 04 Dec 2021

Weather: A few clear spells in the east at first, otherwise cloudy overnight with outbreaks of rain, these turning increasingly to snow above about 600m. The rain and snow clears around or soon after dawn to leave a bright morning with occasional sleet or snow showers. The showers may be heavy at times and may merge to give a longer spell of snow, with temporary blizzard conditions over higher summits, in the afternoon. Any showers or longer spells of rain, sleet and snow become confined to eastern hills during the evening with clear spells developing in west.

Chance of cloud free mountain/hill tops above 600m: Close to zero at first but soon becoming 75%, falling back to 25% for a time through the afternoon.

Visibility: Periods or persistent above 450-600m at first becoming more occasional above 600m through the morning, increasing to periods at times through the afternoon. Otherwise visibility very good falling to several kilometres in showers and a kilometre or less in heavy snow showers and near zero in temporary blizzards.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 04 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SW	17/24 SW	19/28 W	16/23 W	17/25 W	19/29 NW	21/30 NW	21/30 NW	21/32 NW
300	7/17 SW	10/21 SW	11/24 W	9/20 W	11/23 NW	13/26 NW	13/27 NW	13/26 NW	13/27 NW
Valley	5/15 SW	8/20 SW	8/22 W	7/17 SW	10/21 NW	11/24 NW	10/23 NW	10/23 NW	12/26 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-4	1/-5	0/-6	0/-5	0/-6	0/-7	-0/-7	-1/-8
300	4/2	4/1	3/-1	2/-2	3/-1	2/-2	2/-2	2/-3	2/-3
Valley	6/4	5/3	4/1	3/1	4/1	4/0	3/-0	3/-1	3/-1
Freezing Level*	1000m	900m	700m	600m	600m	600m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasingly significant chill effect as winds strengthen and temperatures fall at all levels. Gusts around 50mph over ridges and summits through the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 03 Dec 2021	0mm	0mm	0mm

Forecast for Sunday 05 Dec 2021

Weather: Some clear spells overnight but generally rather cloudy with, especially in the east, occasional sleet or snow showers. Further sleet or snow showers expected across eastern hills with sunny spells, the best of these in the west, and the showers dying out through the afternoon. Dry with long clear spells through the evening.

Maximum wind: Northerly 30-35mph, gusts around 50mph over ridges and summits, decreasing 15-20mph by early afternoon becoming 10mph or less in evening.

Chance of cloud free mountain/hill tops above 600m: Around 40% across the east until mid-afternoon, otherwise close to 90% with only small amounts of cloud expected below the summits.

Visibility: Occasional or periods of cloud above 600m in the east until mid-afternoon. Otherwise very good visibility, perhaps falling to around a kilometre at times in snow showers in the east.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to 6 or 7 Celsius by day
At 600m: Around zero Celsius
Freezing level: Around 600m

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